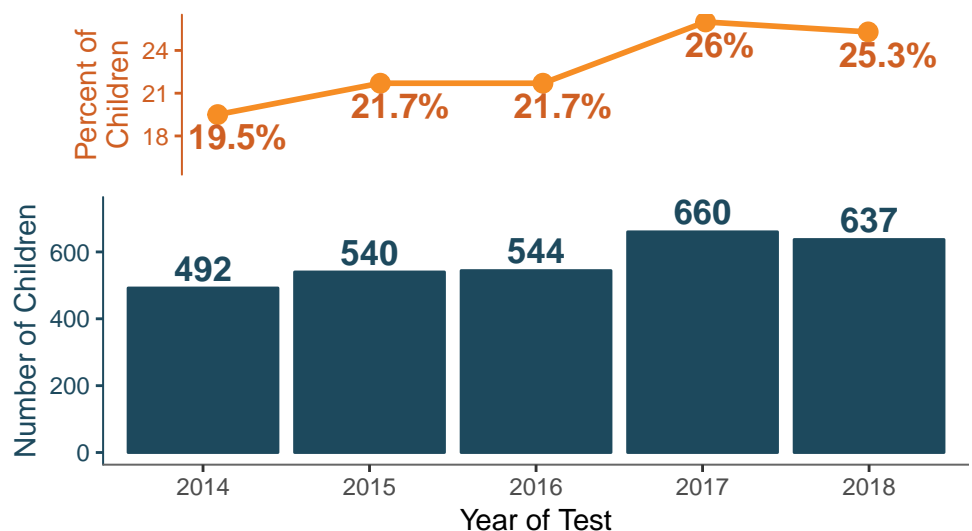


2018 LEAD EXPOSURE DATA BRIEF FOR THE GREATER SULLIVAN REGION

Lead poisoning is entirely preventable. However, nearly 1 million children living in the United States have blood levels high enough to impair their ability to think, learn, and concentrate.

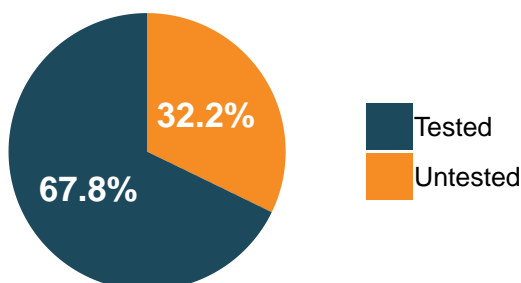
In 2018, 29 children (0 – 72 months old) in the Greater Sullivan Region were identified with elevated blood lead levels of 5 ug/dL or higher.

Annual Number (and Percent) of Children, 0 to 72 Months Old, Tested for Blood Lead in the Greater Sullivan Region 2014 – 2018



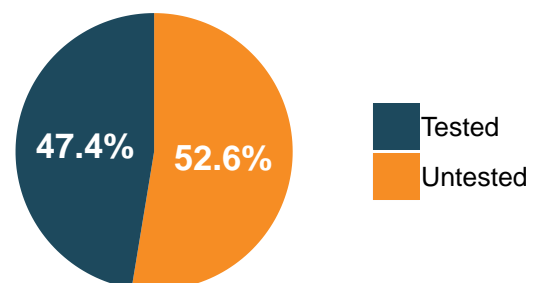
Percent of Children Tested per New Hampshire Screening and Management Guidelines

Percent of One-Year-Old Children Tested for Blood Lead



In 2018, 67.8% of one year-old (12–23 month-old) children residing in the Greater Sullivan Region were tested for lead in their blood (270 of an estimated 398 children).

Percent of Two-Year-Old Children Tested for Blood Lead



In 2018, 47.4% of two year-old (24–35 month-old) children residing in the Greater Sullivan Region were tested for lead in their blood (227 of an estimated 479 children).

In 2018, New Hampshire passed a state law requiring providers to conduct blood lead level tests for all one and two year-old children.

Childhood Lead Exposure by Town, 2018

TOWN	AGE GROUP (IN MONTHS)	POPULATION DPHS ESTIMATE 2018	NUMBER TESTED 2018	PERCENT TESTED (%) 2018	NUMBER WITH EBLL 5+ ug/dL 2018 ONLY	NUMBER WITH EBLL 5+ ug/dL 2014–2018	NUMBER WITH EBLL 10+ ug/dL VENOUS TESTS 2014–2018
ACWORTH	0 to 72	37	6	16	0	1 – 4	1 – 4
	12 to 23	6	1 – 4	Supp.	0	1 – 4	1 – 4
	24 to 35	7	1 – 4	Supp.	0	0	0
CHARLESTOWN	0 to 72	273	65	24	0	17	1 – 4
	12 to 23	43	27	63	0	6	1 – 4
	24 to 35	54	23	43	0	6	1 – 4
CLAREMONT	0 to 72	878	252	29	14	96	13
	12 to 23	139	95	68	1 – 4	32	1 – 4
	24 to 35	173	72	42	6	31	1 – 4
CORNISH	0 to 72	69	20	29	0	7	0
	12 to 23	10	10	100	0	1 – 4	0
	24 to 35	13	10	77	0	1 – 4	0
GOSHEN	0 to 72	45	15	33	0	1 – 4	1 – 4
	12 to 23	10	10	100	0	0	0
	24 to 35	8	1 – 4	Supp.	0	1 – 4	0
LANGDON	0 to 72	39	5	13	0	1 – 4	0
	12 to 23	6	1 – 4	Supp.	0	1 – 4	0
	24 to 35	8	1 – 4	Supp.	0	0	0
LEMPSTER	0 to 72	60	17	28	0	1 – 4	0
	12 to 23	9	6	67	0	0	0
	24 to 35	12	9	75	0	1 – 4	0
NEW LONDON	0 to 72	108	37	34	1 – 4	5	0
	12 to 23	16	15	94	1 – 4	1 – 4	0
	24 to 35	19	19	100	0	1 – 4	0
NEWBURY	0 to 72	123	19	15	1 – 4	6	1 – 4
	12 to 23	21	12	57	1 – 4	1 – 4	0
	24 to 35	20	5	25	0	0	0
NEWPORT	0 to 72	410	102	25	8	37	1 – 4
	12 to 23	65	42	65	1 – 4	15	0
	24 to 35	80	38	48	6	17	1 – 4
SPRINGFIELD	0 to 72	92	8	9	0	0	0
	12 to 23	14	1 – 4	Supp.	0	0	0
	24 to 35	17	6	35	0	0	0
SUNAPEE	0 to 72	152	39	26	1 – 4	5	1 – 4
	12 to 23	22	22	100	1 – 4	1 – 4	0
	24 to 35	28	16	57	1 – 4	1 – 4	1 – 4
SUTTON	0 to 72	107	21	20	1 – 4	6	1 – 4
	12 to 23	18	11	61	1 – 4	1 – 4	0
	24 to 35	18	8	44	0	1 – 4	0
UNITY	0 to 72	44	1 – 4	Supp.	0	0	0
	12 to 23	6	1 – 4	Supp.	0	0	0
	24 to 35	8	1 – 4	Supp.	0	0	0
WILMOT	0 to 72	50	18	36	0	1 – 4	0
	12 to 23	8	7	88	0	1 – 4	0
	24 to 35	8	8	100	0	0	0
GREATER SULLIVAN	0 to 72	2519	637	25	29	191	25
	12 to 23	398	270	68	11	73	6
	24 to 35	479	227	47	13	66	7

Childhood blood lead test data is from the NH Healthy Homes Childhood Lead Poisoning Prevention Program. Elevated blood lead levels (EBLL) 5+ ug/dL is defined as a venous or capillary blood test with a result of 5 micrograms per deciliter (ug/dL) or higher. Exact numbers or percents cannot be reported when there are 1–4 cases due to suppression guidelines to protect privacy.

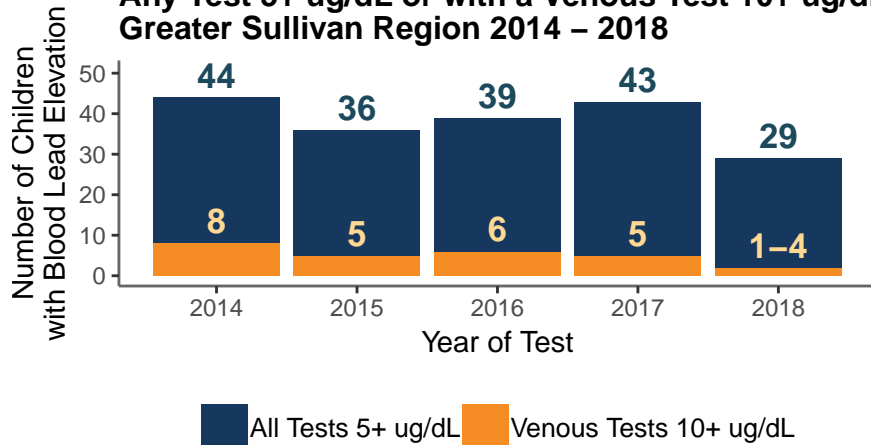
Childhood Lead Risk Factors by Town

TOWN	POPULATION UNDER 6 YO PERCENT (%)	HOUSING UNITS BUILT PRE-1950 PERCENT (%)	HOUSEHOLDS MOVED IN LAST YEAR PERCENT (%)	RENTED HOUSING UNITS W/ CHILDREN UNDER 6 YO PERCENT (%)	UNDER 6 YO LIVING BELOW FED. POVERTY LEVEL PERCENT (%)	UNDER 6 YO IN WITH NO HEALTH INSURANCE PERCENT (%)
ACWORTH	6	26	1.6	19	0	0
CHARLESTOWN	8.3	30	14.3	30	22.2	9.1
CLAREMONT	7	51	13.8	65	15.2	0
CORNISH	3	41	1.8	0	0	0
GOSHEN	8.7	27	3.7	40	25	0
LANGDON	5.9	27	6.8	0	4.4	5.8
LEMPSTER	6.5	14	2	16	5.4	0
NEW LONDON	2.9	22	8.9	20	12.8	0
NEWBURY	2.1	26	5.1	21	0	0
NEWPORT	5.1	36	9.4	72	32.2	19.8
SPRINGFIELD	2.1	12	3.9	0	0	0
SUNAPEE	5.2	22	8.4	21	6.2	0
SUTTON	8.2	30	3.6	22	6.7	0
UNITY	2.5	18	3.4	0	0	0
WILMOT	4.3	28	8.9	0	0	0
GREATER SULLIVAN	5.6	33	9.5	44	15.3	4

Risk factor data is from the American Community Survey (ACS), 5-Year Estimate Data (2013–2017). Percent of renters with children under 6 yo was calculated from housing units with known occupancy status and known age of occupants. Under 6 yo living below federal poverty level was calculated from the number of children in households with income less than the federal poverty level for whom poverty status was determined. Note, percentages for smaller towns may have a large error.

Childhood Lead Exposure

Annual Number of Children 0 to 72 Months Old with Any Test 5+ ug/dL or with a Venous Test 10+ ug/dL Greater Sullivan Region 2014 – 2018



It only takes a speck of lead dust the size of a grain of salt to poison a child

Number of Children 0 to 72 Months Old with Elevated Blood Lead Levels 5+ ug/dL by Town (or Census Tract) in the Greater Sullivan Region, 2014–2018

